

SUPERIOR

ACCESSORIES for CONCRETE CONSTRUCTION



FORM ENGINEERING SERVICE

Superior has competent engineers constantly engaged in the preparation of form layouts, estimates and quotations. This service is furnished without charge and includes the following:

1. ESTIMATES AND QUOTATIONS, recommendations of types, capacities of ties, sizes of form lumber, and preliminary layouts of form work including details for difficult conditions.
2. PREPARATION OF ORDERS, includes detailed form layouts, showing actual tie spacing, scheduling of number of ties needed, and markings for location.

SUPERIOR CONCRETE ACCESSORIES, INC.

PACIFIC COAST OFFICE AND FACTORY: 2100 Williams St., San Leandro, Calif.
Telephone: LOckhaven 2-2830

Main Office & Plant
9301 King St., Franklin Pk., Ill.

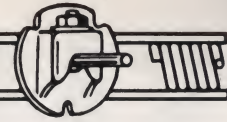
New York Office
39-01 Main St., Flushing 54, N. Y.

Houston Office
4101 San Jacinto, Houston 4, Texas

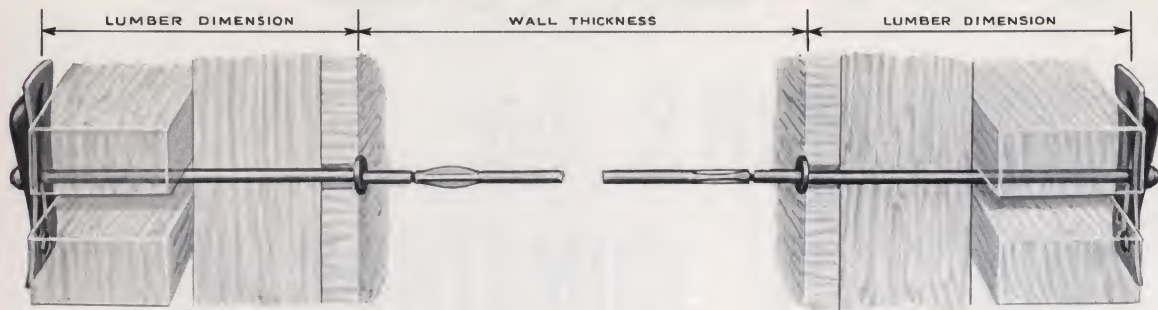
2a
Su

index

	Page
• Snap Ties-break-back	2
• Snap Ties-water-seal	2
• A. C. Form Ties	2
• Coil Ties-standard	3
• Coil Ties-Cone-fast	3
• Coil Ties-water seal	3
• Coil Loops	3
• "Tilt-Up" Accessories, Inserts, Brace Anchors, and Braces	4, 5
• Riserframes and Seat Brackets	6
• Screw Anchors and Bolts	7
• Reed Soffit Clips	7
• Expansible Reed Clips	7
• Mesh Furring Clips	7
• Anchor Slots, dovetail	8
• Bar Supports	8
• Speed-Strip metal chamfer strip	8
• Threaded Inserts	8



BREAK-BACK SNAP TIES



For tying forms for light foundation wall construction, Superior Snap Ties give accurate wall thickness with loose or fixed spreader washers. The ends are broken off $\frac{1}{4}$ " to 1" inside the wall face. They are fab-

ricated with wood cones if greater break back is required. Snap Ties are supplied for 3000 lb. (3M) or 5000 lb. (5M) safe working loads. Tie Holders are fabricated of high carbon spring steel.

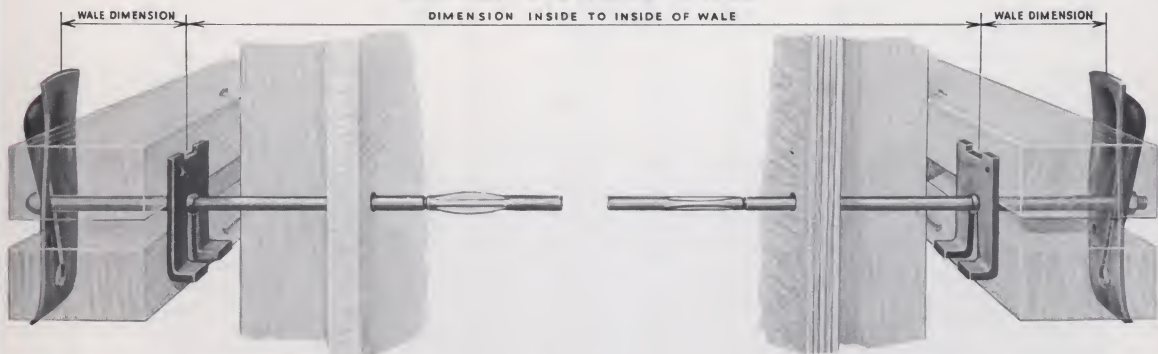
WATER SEAL SNAP TIES



Water Seal Snap Ties are designed to eliminate seepage along the tie caused by the pressure resultant from high heads. A water stop is provided by a $\frac{3}{4}$ " diameter washer securely fixed to the tie rod near the center of the tie. The manner of securing this washer is such that a water tight joint be-

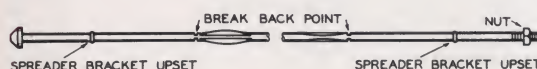
tween washer and tie rod is obtained. This construction breaks the surface continuity of the tie rod, preventing seepage along the rod. Water Seal Snap Ties are made for both 3000 lb. (3M) and 5000 lb. (5M) safe working loads.

A. C. FORM TIES



The A. C. Form Tie is specifically designed for architectural concrete forms. It has no inside spreader washers, however, a positive spreader action eliminates the use of separate inside spreaders. The holes drilled through the sheathing ($\frac{5}{16}$ ") to pass the tie are not appreciably larger than the tie rod, preventing leakage.

Economical, costing no more, including nut, than ordinary Snap Ties, it has a safe working load of 3000 lbs.



APPLICATION

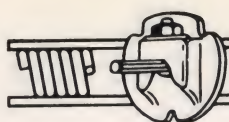
With wales toe-nailed to studs and $\frac{5}{16}$ " opposing holes drilled through sheathing, the tie is inserted, threaded end first, through the forms. The nut is put on, then the spreader bracket placed over the tie between the upset and inside face of wale. Tie Holders are then driven in place against outside of wales. After forms are stripped tie is broken back—in same manner as ordinary break-back Snap Tie.

SPREADER BRACKET

Heavy steel stamping, case hardened. These brackets are returnable for credit.



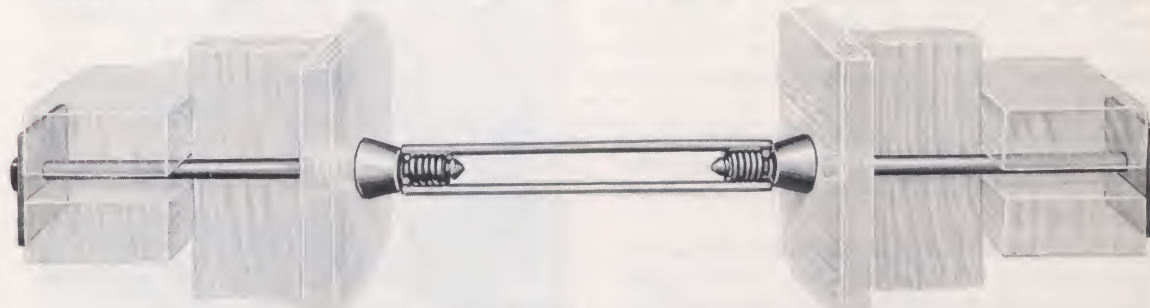
Ties for
Ordinary
Foundations



COIL TIES, STANDARD — with 1/2", 3/4", 1" and 1 1/4" Coil Bolts

The Coil Tie, one of the most economical and efficient form ties for medium and heavy construction, is an extremely simple device. Helix coils are electrically welded to the longitudinal

wires. Coil Bolts are threaded into these coils, and removed for reuse after the concrete has set. Flat washers provide bearing against the wales.

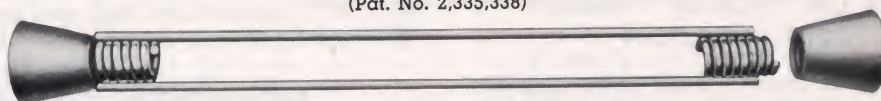


COIL TIES WITH SPREADER CONES are used when specifications require the tie metal to be 1" to 2" back of the wall faces, and it is desirable to use the Coil Tie as both spreader

and tie. Then Spreader Cones are applied as shown above. The 1/2" Coil Tie acts effectively as a spreader for walls up to 36" thick, the 3/4" Coil Tie for walls up to 8 feet thick.

CONE-FAST COIL TIES

(Pat. No. 2,335,338)



The Cone-Fast Coil Tie assembly is particularly designed for tying wall forms where it is difficult, because of job conditions, to locate and hold the standard spreader cone in position for inserting the bolt after the second form is erected. This condition exists, for example, when large wood or steel panel forms are used for forming thin walls of any height.

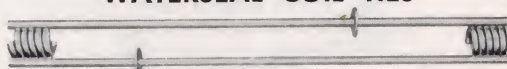
The Cone-Fast Coil Tie has a longer coil which projects beyond the end of the tie wires. The Coil Cone is a cored casting threaded in the small end, and a square opening in the other. Less than two turns of the Cone are required to secure it. When unscrewed with a Cone Wrench, the Threaded Coil Cone backs itself out of the wall. Coil Cones keep tie ends from 1" to 2" back of wall face.

Safe Working Loads—Std. and Cone-Fast Coil Ties

size	no. of struts	safe working load, lbs.	ultimate capacity, lbs.
1/2" 6M	2	6,000	9,000
1/2"* 9M	2	9,000	13,500
3/4" 9M	2	9,000	13,500
3/4" 12M	2	12,000	18,000
1" 18M	2	18,000	27,000
1" 24M	4	24,000	36,000
1 1/4" 36M	4	36,000	54,000

*This new 1/2" coil tie system requires the use of Superior 1/2" Coil Bolts with "S" on bolt heads.

WATERSEAL COIL TIES



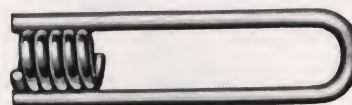
The Waterseal Coil Tie has water stop washers secured to each strut which stops seepage along the tie wires. It is fabricated in both the Standard and Cone-Fast Coil types, for 1/2" (6000 lb.), 3/4" (12000 lb.) and 1" (4 strut, 24000 lb.) Coil Bolts.

COIL LOOPS

Coil Loops are supplied with single loops, standard or flared, in any required length, for 1/2", 3/4" and 1" Coil Bolts, and with 4 strut flared loops for 1" and 1 1/4" Coil Bolts.

The 1/2" size provides anchorage for fastening continuous members against which to brace column and wall forms, and for anchorage in securing and drawing tight successive lifts of wall forms where A. C. Form Ties are used.

Heavy flared Coil Loops are used to anchor successive lifts of forms on heavy monolithic engineering structures.



Standard Loop



Flared Loop

Ties for
Medium and
Heavy
Construction

2a
Su



TILT-UP CONSTRUCTION

From original layouts to the final positioning of tilt-up slabs, SUPERIOR has the accessories and the system. The various types of SUPERIOR Inserts, Anchors, and Braces for every job condition together with engineering service provide a combination for safe and efficient handling of any precast panel or structural member.

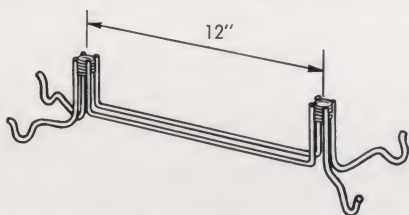
The Inserts, Anchors, and Braces shown here have been tried and proven as to their adequacy and dependability on thousands of job applications.

The basic principle of Superior's coil ties has been utilized throughout. This is the use of the helix coil to which connecting wires or rods are electrically welded. The helix coil forms the nut into which specially chased coil bolts are threaded. The threads on this bolt are shaped to fit the contour of the wire which forms the coil. The cone-pointed coil bolts are easily threaded into the coils.

TYPES OF "PICK-UP" INSERTS AND LOCATION

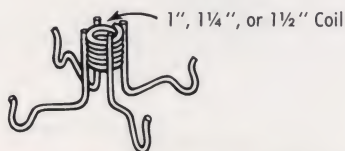
"Tilt-Up" slabs vary widely in length and height, and to some degree in thickness. Openings for doors and windows may be absent entirely, or there may be several in almost any location in the slab.

In general, single or double coil loops are recommended for use in the edges of the slabs only when those slabs are not more than eight feet high (6" slabs), nine ft. high (7" slabs); ten ft. high (8" slabs). On higher and heavier slabs, "Pick-Up" inserts are lo-



DOUBLE "PICK-UP" INSERT TYPE 1

For use with two 1" coil bolts 12" on centers which are used to bolt down the Lifting Angle. U-Legs, protected against rust, support the unit $\frac{3}{4}$ " above the bottom of the slab. These inserts are made in heights to keep the top of the coils $\frac{1}{4}$ " below the slab face. In ordering give actual slab thickness.



SINGLE "PICK-UP" INSERT TYPE 1-S

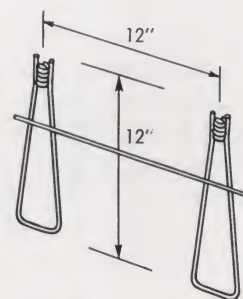
The Single "Pick-Up" Insert is fabricated for use with 1", $1\frac{1}{4}$ " and $1\frac{1}{2}$ " Coil Bolts. The Swivel Lifting Plate, shown on the next page is used with this "Pick-Up" insert instead of the lifting angle used with the Type 1 and 2 inserts.



cated in one or two rows in the face of the slab. With panels 24 ft. high and over the use of Stress Equalizers is recommended.

ENGINEERING SERVICE

Because of the variety of design plus varying field conditions, it is impossible to outline every condition and recommend correct practice for it. Our engineers have had wide experience in the selection of the proper inserts and brace anchors and their location for specific conditions. Our recommendations will be given without charge or obligation on receipt of a set of plans.

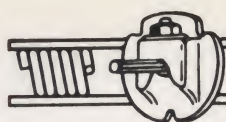


DOUBLE LOOP INSERT TYPE 2

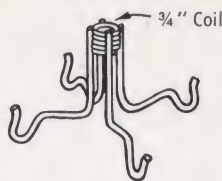
Used in the edge of slabs, where height does not exceed 10 ft., to permit lifting from the edge rather than the face. A wooden or plywood washer should be used against the ends of the loops when setting, so that when the lifting angle is drawn down tightly, it will bear against the concrete and not the loop ends.

Use 1" bolts except for 5" slabs, where $\frac{3}{4}$ " bolts are adequate.

For Additional Details and Recommended Safe Loads on Pick-Up Inserts, Request BULLETIN TU-4

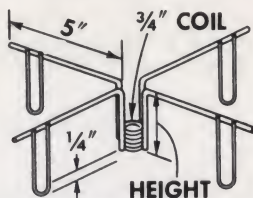


SUPERIOR CONCRETE ACCESSORIES



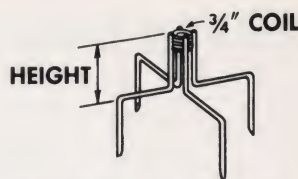
**BRACING ANCHOR
TYPE 3**

Used in slabs to be raised, and in formed floor slabs. Actual slab thickness should be specified when ordering.



**INVERTED BRACING
ANCHOR—TYPE 4**

Used where the braces are to be attached to the under side of the slab that is to be raised. Actual slab thickness should be specified when ordering.

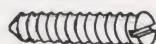


**BRACING ANCHOR
TYPE 5**

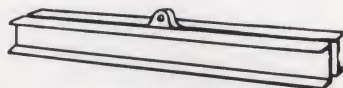
Used in floor slabs poured on fill. The horizontal offsets of the legs provide a gauge and a stop when the vertical legs are shoved into the fill or subgrade. Specify actual slab thickness when ordering.

2a
Su

SLOTTED SETTING STUD



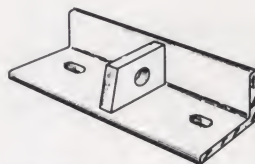
All Superior inserts and anchors are initially located in the slabs with temporary setting studs in place in the coils. They should be greased and screwed in flush with the top of the slab, so that there is no interference in screeding and finishing. Lifting and anchor bolts, and setting studs may be rented as well as purchased.



STRESS EQUALIZER

The SUPERIOR Stress Equalizer System is designed to reduce the stress density in panels 24 ft. and more in height. Reinforcing steel that is normally required only for stresses at the time of lift may often be eliminated. The use of the Stress Equalizers also simplifies the rigging and substantially reduces the crane time.

Available on a purchase or rental basis.



LIFTING ANGLE

For use with the double "Pick-Up" or Double Loop Insert. It is fabricated from a 5" x 3 1/2" x 5/8" angle 18" long with a 1" thick plate arc-welded to the angle to provide for attachment of the lifting cable hook. Bolt holes are provided 12" on center to secure the lifting angle to the inserts. Lifting angles may be rented or purchased.



SWIVEL LIFTING PLATE

The Swivel Lifting Plate consists of a steel forging to which a heavy steel bearing plate has been welded. The shackle is forged of 1" diameter stock and swings on a line through the center of the bolt. When ordering give bolt size; 3/4", 1", 1 1/4" or 1 1/2". Weight 11 lbs. These lifting plates may be rented or purchased.

STRONGBACKS AND ANCHORS

Some slabs that are to be "tilted up" or lifted are so designed that it is necessary to use strongbacks to prevent the slab from cracking. The number, location, and size of openings usually determines their use. The strong-back anchors are usually located independently of the

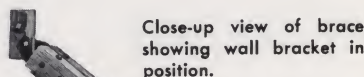
"pick-up" inserts and are placed in positions determined by the design of the particular slab. To anchor strongbacks to the slab, Brace Anchors, Type 3, are used. These Brace Anchors also can be supplied with a 1" coil if desired or needed.

ADJUSTABLE "TILT-UP" SLAB BRACE

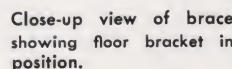
After the panel is tilted up to approximate vertical position, Superior's Adjustable Brace pulls or pushes the panel into final correct alignment and secures it there against any inward or outward movement thereafter, until the panel is permanently anchored.

These Braces are for use with two 2 x 4's or two 2 x 6's and can also be supplied with pipe couplings for use with telescoping pipe instead of lumber. When pipe is used the lower section is standard 2" black pipe with holes drilled 12" on center. The top section is 1 1/2" heavy-duty pipe with four holes drilled 6" on center. Length of each pipe section should not exceed 10'6".

The wing nut is turned in one direction to move the top of the panel outward, in the opposite direction to move the top inward. The range of adjustment is approximately 4" in either direction. Superior supplies only the hardware for this brace, the contractor pro-



Close-up view of brace showing wall bracket in position.



Close-up view of brace showing floor bracket in position.

Pat. No.
2,684,824

vides such lengths of 2 x 4's or 2 x 6's as required for specific job conditions and the 3/8" bolts for attaching this lumber, or the necessary pipe.

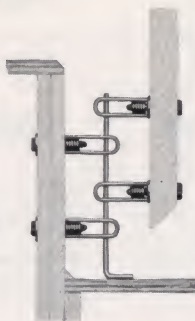
Superior Adjustable Braces are rented as well as sold outright

**"Pick-Up"
Inserts,
Brace
Anchors,
and Braces
for
TILT-UP
CONSTRUCTION**

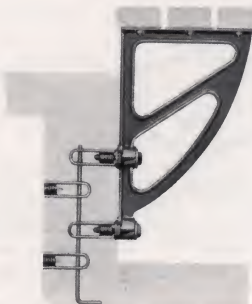
RISER FRAMES AND SEAT BRACKETS

Riser Forms and Seat Anchorage In Stadiums and Balconies

1—Support, space and align front riser form.



2—Provide secure anchorage for seat brackets.



Superior Riserframes perform a double function in the construction of decks for stadiums and balconies of auditoriums and theatres. They rigidly and accurately support, space and align the front riser form. They also provide a most secure anchorage for seat brackets.

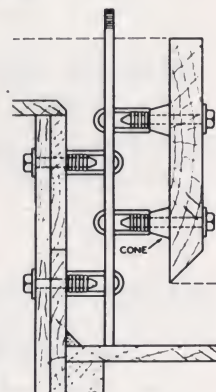
APPLICATION

Temporary $\frac{1}{2}$ " Coil Bolts anchor the front riser form to the Riserframe. These Coil Bolts are long enough to provide clearance for the permanent Coil Bolts used to anchor the seat brackets to the Riserframe. Permanent Coil Bolts and washers should be galvanized. Temporary working parts are returnable for credit.

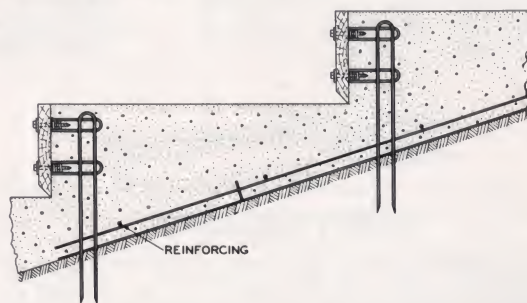
SEAT ANCHORAGE ON TREAD

Riserframes are used to equal advantage where seat bolsters or brackets are bolted to the tread instead of the riser. Cold rolled rods $\frac{1}{2}$ " diameter, threaded at one end, are used for the vertical connecting wire, as shown in the drawings at the right.

There is a type of Riser-frame for every possible job condition.



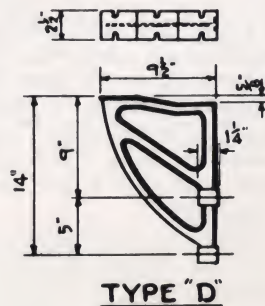
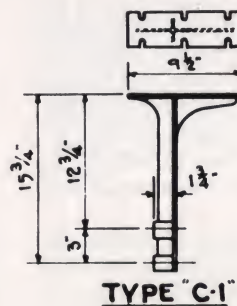
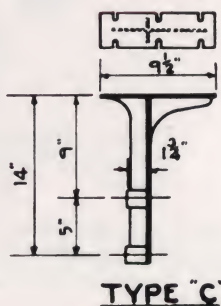
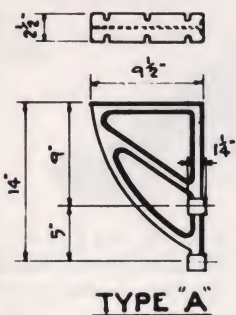
DECK ON FILL

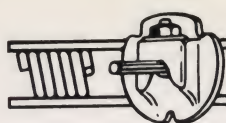


Special Riserframes support, space, and align the front riser form of stadium deck slabs on fill. Coil Loops are welded to a vertical loop whose prongs extend deeply into the fill. From two to four supports are connected by heavy longitudinal wires, which reinforce the prongs and space the supports. The upper longitudinal wire acts as a support for the bars or mesh that reinforce the slab.

SEAT BRACKETS

Here are four most commonly used types of the ten Seat Bracket patterns Superior has available. These brackets may be cast in malleable iron, grey iron, or aluminum alloy. Send for complete details on types not shown below.





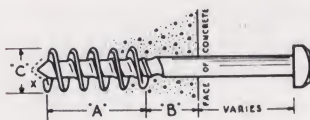
SUPERIOR CONCRETE ACCESSORIES



SCREW ANCHORS and BOLTS

STRENGTH IN CONCRETE: The projecting flat wire of the Screw Anchor provides steel reinforcing to the recess in the concrete that receives the anchor bolt. The full bearing of the coarse bolt thread is on the anchor which provides steel bearing for the thread. The projecting flat metal spiral is in turn firmly bonded in a large surrounding area of concrete.

The full strength of the bolt is developed when the assembled bolt and anchor is imbedded to approximately ten times the bolt diameter in 2000 lb. concrete.



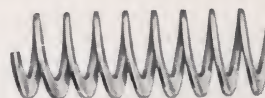
*Strength of bolts is based on 67000 lb. per sq. in. Ultimate tensile strength (S.A.E. 1020 Steel). Shear is based on 75% of tensile strength.

TO ORDER

Determine length of bolt by adding thickness of what is to be bolted to dimensions "A" and "B." "A" plus "B" must equal 10 times bolt diameter to develop full strength of screw anchor in 2,000 lb. p.s.i. concrete.

SIZE AND STRENGTH DATA

SIZE (Dia.)	DIMENSION			Approx. Ultimate Capacity*	
	A	B	C	Tension (lbs.)	Shear (lbs.)
3/8"	1 1/2"	2 1/2"	3/4"	4000	3000
1/2"	2"	3"	7/8"	8400	6300
5/8"	3"	3 1/4"	1 1/8"	12300	9200
3/4"	4"	3 1/2"	1 1/4"	18200	13700
7/8"	5"	3 3/4"	1 3/8"	26300	19700
1"	6"	4"	1 1/2"	34500	25800
1 1/4"	7"	5 1/2"	2"	51500	38600
1 1/2"	8"	7"	2 1/4"	80800	60600



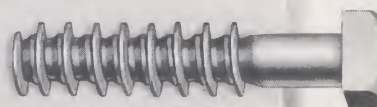
Screw Anchor



Bolt



Assembly



In Concrete

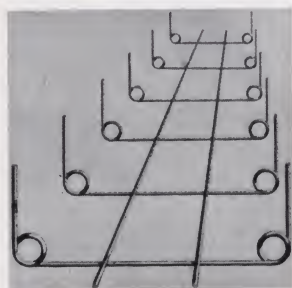
APPLICATION

Superior's SCREW ANCHORS and Bolts are widely used in heavy concrete construction for temporary anchorage for steel tunnel forms, false work support brackets, cantilever steel forms for gravity dams and similar structures; for lifting precast concrete slabs, beams and piles. They also have many practical applications as permanent anchors for cleats, fenders and other accessories to concrete structures.

REED SOFFIT CLIPS . . .

For Steel Beams, Girders and Columns

Not only do Reed Clips cost less per lineal foot of beams wrapped but the placing cost is one-half to one-fourth that of wire mesh and other similar materials. The longitudinal and cross wires are offset 1 inch—placing the reinforcing where it belongs to prevent cracking across the soffit.



Typical 9" to 15" Rigid Reed Clip

Reed Clips are regularly made of 12 gauge galvanized wire electrically welded on 12" centers. They are also made of No. 10 gauge galvanized wire with clips welded 6" on centers for government specifications.

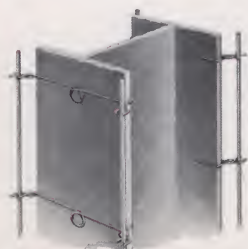
EXPANSIBLE REED CLIPS

The convenience in handling the Expansible Clip far offsets any small price differential between this material and any other, regardless of size or character. Only four sizes for all beams and columns . . . perfectly wrap all flanges from 4" to 24" wide.

The Expansible Clip, especially where it is expanded to fit wider flanges and shortens in length, provides more reinforcement per lineal foot. Made of No. 12 gauge galvanized steel wire, electrically welded in every point. Also available in No. 10 gauge.



MESH FURRING CLIPS . . . ADJUSTABLE



For mesh when used as reinforcing for fire proofed steel beams, girders and columns.

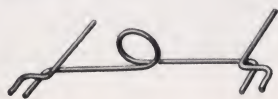


Illustration at left shows clip applied to a column with the furring rods in place. The loop in this clip makes it possible to increase by one inch the distance between the wires which are bent back behind the flange. Since flange widths vary by eighths of an inch, this adjustable feature is most important. Snap-in feature holds the furring rod securely in the clip without wiring.

2a

Su

For
Temporary
and
Permanent
Anchorage

For
Fireproofed
Beams
and
Girders



SUPERIOR CONCRETE ACCESSORIES



Miscellaneous Accessories



Pat. No. 2,940,152



quickly nailed to edge of form lumber, plywood, or S4S. Reduces damage to forms because of minimum nailing and stripping. As Speed-Strip stays on the form during stripping, the form with chamfer is always ready for re-use. Comes in 8 ft. stock lengths which may be cut or butted to any length. 24 ga. galvanized steel with 1 1/8" face.

Tack Speed-Strip through indentations onto edge of form boards with lath-type nail.



Place companion form in position as conventionally done. Drive double-headed nail through as shown.



BAR SUPPORTS AND CHAIRS FOR REINFORCING STEEL . . . See Catalog 700

FOR FURTHER INFORMATION ON OUR PRODUCTS IN THE FOLLOWING CITIES, CALL

Los Angeles, California
Thomas Concrete Access. Co.
5341 Sheila Street
Angelus 3-6153

North Sacramento, California
Concrete Accessories, Inc.
1408-D Silica Ave.
WAbash 2-8824

Portland, Oregon
Mercer Steel Co., Inc.
2636 N. W. 26th Avenue
CApitol 6-2511

Seattle, Washington
Construction Supplies Co.
3653 Woodland Park Avenue
MEIrose 3-2611

Phoenix, Arizona
Thomas Concrete Access. Co.
1133 West Hilton Avenue
AL 2-5731

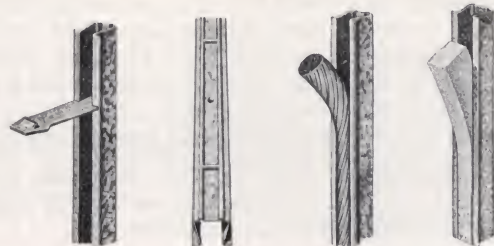
Spokane, Washington
Concrete Supplies Company
East 3420 Sprague Avenue
KEystone 4-0373

Idaho Falls, Idaho
Ready-To-Pour Concrete Co.
P. O. Box 1221
Idaho Falls 368

Salt Lake City, Utah
Mitchell Concrete Access. Co.
716 West Second South
EMpire 4-6764

Reno, Nevada
Ready-Mix Concrete Co.
Morrill Ave. at Truckee River
FAIrvie 3-7105

DOVETAIL ANCHOR SLOT

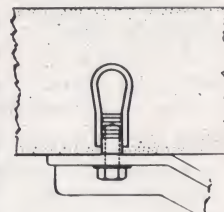


The cross ribs prevent the back of the slot from arching so that the opening is always the proper size for receiving the anchors. Longitudinal ribs keep the slot straight and rigid. Has nail holes at 6 inch centers. Ten foot lengths are standard. Galvanized stock—24 and 22 ga. Available open or with tissue rope or Styrofoam fillers. Superior furnishes dovetail brick and stone anchors . . . any length or gauge . . . black or galvanized.

THREADED INSERTS

A Convenient Method of Anchoring Sprinkler Systems, Heating and Air Conditioning Units, Suspended Ceilings, Heavy Machinery, Etc.

The Threaded Insert holding the pointed setting plug can be quickly hammered into exact position on the deck, as the pointed plug provides a visible center point. No nails are required as the embedded plug is a firm support for the insert. There are no projecting nails to clip from the concrete face. Available in four sizes to receive standard machine threads in bolt diameters of 3/8", 1/2", 5/8" or 3/4". Ultimate capacity (1/2", 5/8" or 3/4" size) Inserts—9,600 lbs. as tested in 2,000 lb. concrete. Strips fast—plugs are reusable indefinitely.



TYPICAL APPLICATION

Other Superior Products Include:

For Ordinary Foundations

Adjusta-Brace
All-Ply Panel Forms
Band Clamps
Band Iron
Band Tighteners
Panel Lock Bolts
Plyhole Covers
Scaffold Bracket
Waler Bracket

For Engineering Structures

Continuous Coil Rods
Coil Wing Nuts
Corner Brackets
Cone Nuts
Hex Nuts (Rod Couplings)
Paper Tubing
Rod Clamps
Rod Tighteners
Rod Pullers
Screw Anchors and Bolts
Tilt Lock Clamps

Form Hangers

Beam Clamps
Bridge Form Jack
Coil Hangers
Flange Hangers
Pres-Steel Hanger
Prescon Hanger
Shore Base
Snaptie Hangers
Soffit Spacers

Individual and Continuous Dowel Bar Supports

SUPERIOR CONCRETE ACCESSORIES, INC.

PACIFIC COAST OFFICE AND FACTORY: 2100 Williams St., San Leandro, Calif.
Telephone: LOckhaven 2-2830

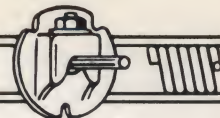
Main Office & Plant
9301 King St., Franklin Pk., Ill.

New York Office
39-01 Main St., Flushing 54, N. Y.

Houston Office
4101 San Jacinto, Houston 4, Texas



SUPERIOR CONCRETE ACCESSORIES



Miscellaneous Accessories



**SPEED-STRIP...Reusable
Metal Chamfer Strip
that Produces Neat
Clean Corners**

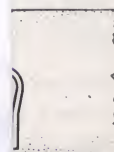
For a uniform $\frac{3}{4}$ " x $\frac{3}{4}$ "
chamfer in concrete con-

DOVETAIL ANCHOR SLOT



of the slot
is always
anchors.
eight and
nters. Ten
ized stock
with tissue
furnishes
. . . any
nized.

TS



ICAL
ATION

Other Superior Products Include:

For Ordinary Foundations

Adjusta-Brace
All-Ply Panel Forms
Band Clamps
Band Iron
Band Tighteners
Panel Lock Bolts
Plyhole Covers
Scaffold Bracket
Waler Bracket

For Engineering Structures

Continuous Coil Rods
Coil Wing Nuts
Corner Brackets
Cone Nuts
Hex Nuts (Rod
Couplings)
Paper Tubing
Rod Clamps
Rod Tighteners
Rod Pullers
Screw Anchors
and Bolts
Tilt Lock Clamps

Form Hangers

Beam Clamps
Bridge Form Jack
Coil Hangers
Flange Hangers
Pres-Steel Hanger
Prescon Hanger
Shore Base
Snaptie Hangers
Soffit Spacers

Individual and Continuous Dowel Bar Supports

Digitized by



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Mike Jackson, FAIA

nitely.

SUPERIOR CONCRETE ACCESSORIES, INC.

PACIFIC COAST OFFICE AND FACTORY: 2100 Williams St., San Leandro, Calif.
Telephone: LOckhaven 2-2830

Main Office & Plant
9301 King St., Franklin Pk., Ill.

New York Office
39-01 Main St., Flushing 54, N. Y.

Houston Office
4101 San Jacinto, Houston 4, Texas